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to: Commissioner for Patents, at Telephone No. 571) 273-8300

Beth Pearson Naul

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

§ APPLICANT: W. Allen Gilchrist et al. Group Art Unit: 2884 Ş SERIAL NO.: 10/730,552 99999 Examiner: Malevic, Djura December 8, 2003 FILED: § Confirmation No.: 1482 TITLE: "Method and Apparatus for Deter-§ mining the Thermal Neutron § Capture Cross-Section of a Atty Docket No.: 584-35673-US § Subsurface Formation from a Borehole" ŝ

#### RESPONSE TO OFFICE ACTION OF 13 JUNE 2006

This is in response to the office action 13 June 2006. Reconsideration of the application is respectfully requested in view of the comments below. Amendments to the claims start on page 2 of this document. Remarks start on page 11 of this document.

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# MADAN, MOSSMAN & SRIRAM, P.C.

Attorneys At Law

2603 Augusta Drive, Suite 700, Houston, Texas 77057-5638 713 266-1130 Fax 713 266-8510

## **FACSIMILE COVER SHEET**

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FROM:

Beth Pearson-Naul for Kaushik P. Sriram

RE:

Serial No.: 10/730,552 Docket No.: 584-35673-US

Title: "Method and Apparatus for Determining the

Thermal Neutron Capture Cross-Section of a

Subsurface Formation from a Borehole"

NUMBER OF PAGES INCLUDING THIS COVER SHEET: 14

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Attached herewith for filing is a Response to Office Action dated June 13, 2006 for the above-referenced patent application.

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